



## Anti-Somatotrophin autoantibodies

- Synonyms** Growth hormone
- Acronyms** GH, HGH
- Indication** ▶ Lymphocytic hypophysitis, autoimmune hypophysitis, pituitary hormone deficiencies.
- see also** ▶ [Autoantibodies in pituitary diseases](#)

### Prevalence

**Table 1**

Diseases		Authors
Lymphocytic adenohypophysitis	20,0 %	Tanaka et al 2002
Lymphocytic infundibulohypophysitis	33,3 %	Takao et al. 2001
ACTH-deficiency	10,0 %	
TSH-deficiency	25,0 %	

**Test methods** RIPA

### Literature

Takao T, Nanamiya W, Matsumoto R, Asaba K, Okabayashi T, Hashimoto K. Antipituitary antibodies in patients with lymphocytic hypophysitis. *Horm Res* (2001); 55(6): 288 - 292 (PMID: [11805433](#)).

Tanaka S, Tatsumi KI, Kimura M, Takano T, Murakami Y, Takao T, Hashimoto K, Kato Y, Amino N: Detection of autoantibodies against the pituitary-specific proteins in patients with lymphocytic hypophysitis. *Eur J Endocrinol* (2002); 147(6): 767 - 775 (PMID: [12457452](#)).